



(19)

(11) Publication number:

0628504

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PATENT ABSTRACTS OF JAPAN(21) Application number: **05080890**(51) Intl. Cl.: **A61B 5/07**(22) Application date: **07.04.93**

(30) Priority:

(43) Date of application
publication: **11.10.94**(84) Designated contracting
states:(71) Applicant: **OLYMPUS OPTICAL CO LTD**(72) Inventor: **KUDO MASAHIRO
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**(54) MEDICAL CAPSULE
DETECTING SYSTEM**

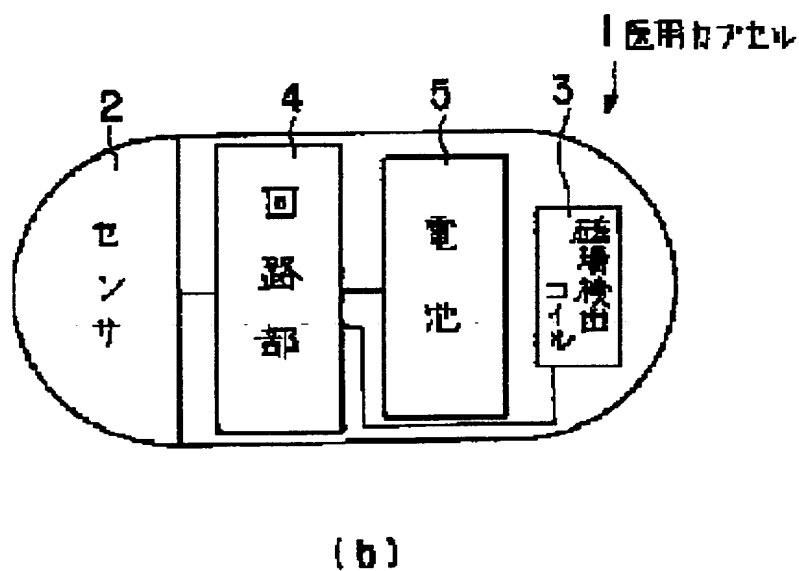
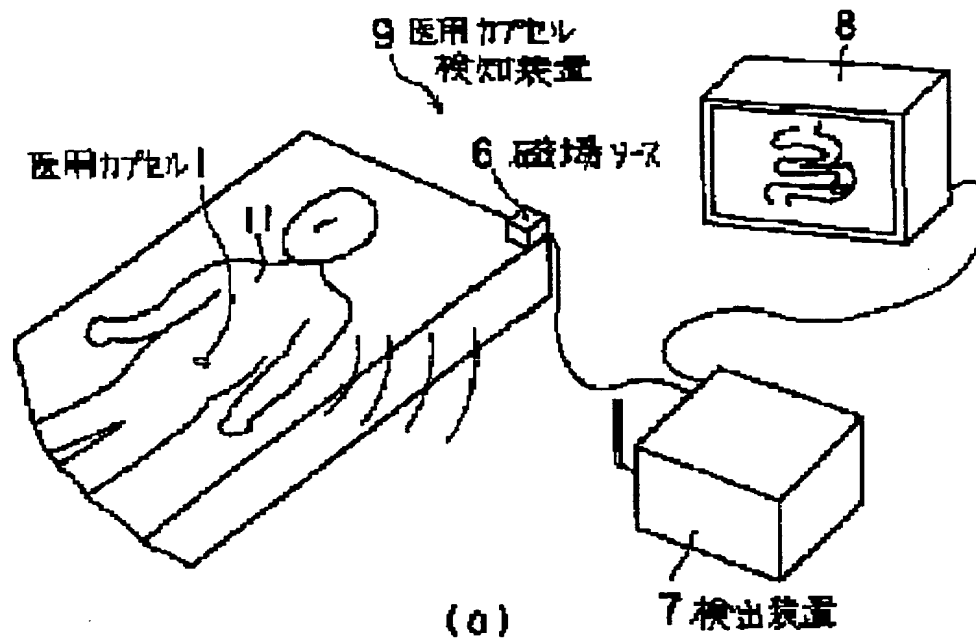
(57) Abstract:

PURPOSE: To provide the medical capsule detecting system which can detect safely a position of a medical capsule without exerting danger on the human body.

CONSTITUTION: In the medical capsule detecting system 9 for detecting a position of a medical capsule 1 which is retained in a living body and can measure living body information in the living body by ratio, this system is provided with a transmitting part 6 provided to the outside of the body in order to transmit a physical wave motion, a receiving part 3 provided in the medical capsule 1 in order to receive the wave motion transmitted from this transmitting part 6, a transmitting means provided in the medical capsule 1 in order to transmit a signal received in this receiving part 3 to the outside of the body together with living body information measured by the medical capsule 1, and a calculating means for receiving a signal from the this transmitting means and calculating a position of the receiving part 3 against the transmitting part 6.

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Published / Filed: **1994-10-11 / 1993-04-07**Application Number: **JP1993000080890**IPC Code: **A61B 5/07;**Priority Number: **1993-04-07 JP1993000080890**

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